



FROGS AND TOADS: GOD'S BUG SNATCHERS

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FROGS AND TOADS: GOD'S BUG SNATCHERS





Frogs and toads
come in different
sizes and colors.





And they live all
over the world.

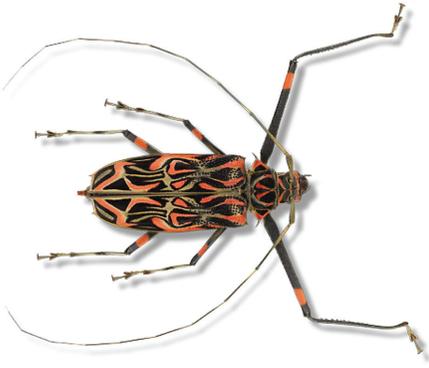


Common Toad—Fowler's toad (*Bufo fowleri*)





Red-eyed tree frog



Toads and frogs are our friends.
They eat bugs
that are harmful to people.



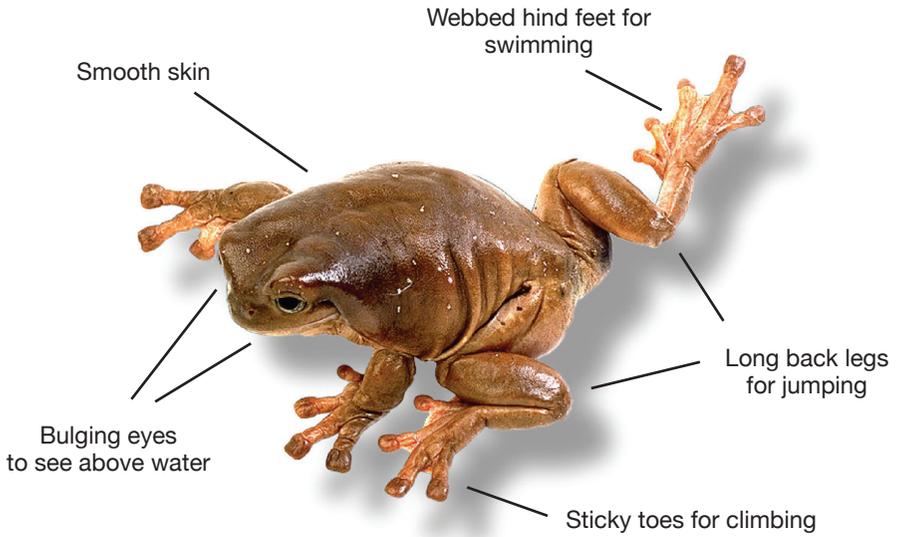


These wonderful creatures have a tongue that can flip out and grab a bug. Their eyes and brains see things that move in a special way to help them catch bugs.



Northern leopard frog

Frogs have strong, webbed hind feet made for leaping and swimming. They have smooth skin.





Toads are actually frogs, but they are designed differently.



They have stubby bodies with short hind legs that are not designed for hopping.

**Frogs and toads are called
"amphibians"—a word that
means "double life."**



**They start life with gills like fish,
and then they develop lungs.**



A tadpole of Haswell's frog from Australia

Amphibians lay eggs in water.



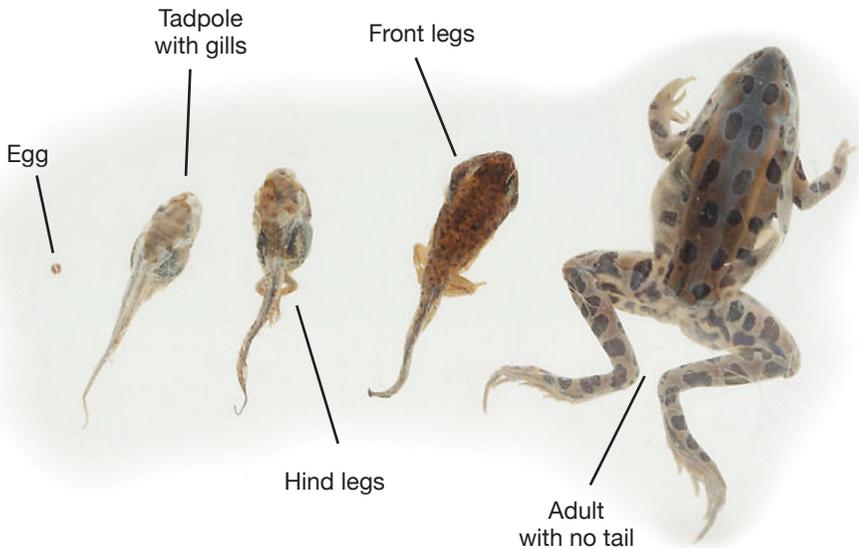
Leopard frog (*Rana pipiens*)

**Frogs lay
thousands of
eggs in
clusters.**



**Toads lay them in
long chains.**

In about a week the eggs hatch into tadpoles that swim in the water and eat water plants called algae.



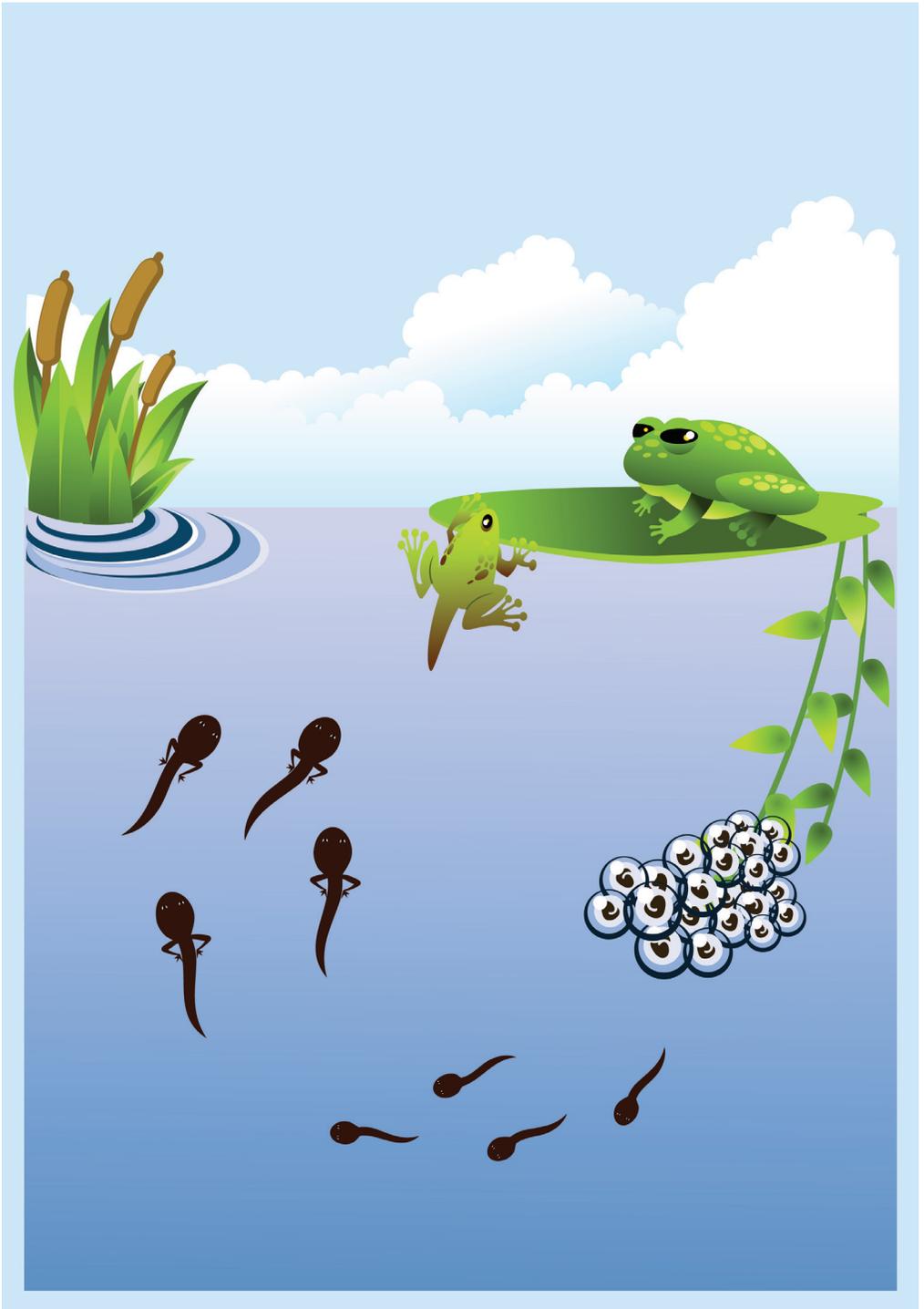
At four weeks the tadpole loses its gills.

At seven weeks hind legs appear.

At 11 weeks front legs appear.

At 14 weeks the tail starts to disappear.

At 16 weeks it moves onto land.



God has given toads and frogs special equipment and methods to avoid being eaten by other animals.
Some frogs are poisonous.



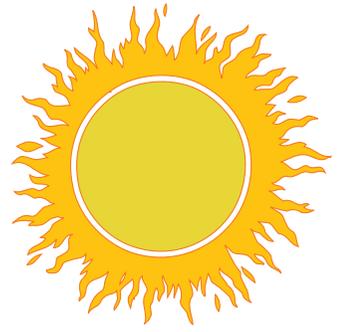
They get their poison by eating poisonous plants that don't hurt the frog.





Toads have poison glands called paratoid glands that make them taste bad to animals that would eat them.





Amphibians are cold blooded ...



**... so they need the warmth of
the sun to survive.**



**God has made frogs
and toads to help us by
catching bugs and things
that would harm us.**

**We must protect them
because they are our
friends.**



American bullfrog (*Rana catesbeiana*)

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DEAR PARENTS:

We pray that this little book will help your child learn more about the wonderful world God designed for us. In addition to having fun learning some things about frogs and toads we want your child to know:

- 1) Science and Faith are friends, not enemies.
- 2) There is design in creation that speaks beautifully of an intelligent Creator.
- 3) Even an apparently unimportant (and sometimes ugly) creature has a beautiful and important role to play in the God's well-designed world.

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